

IN THE CLAIMS:

Please amend claims 1-4 and 7-9 as follows.

1. (Currently Amended) A method of routing a terminated call to a subscriber from an Internet Protocol based domain **[[IMS]]** to a circuit switched domain **[[CS]]**, wherein said Internet Protocol based domain **[[IMS]]** has call state control functionalities implemented,

said method comprising the steps of

receiving an invitation **[[S1]]** of said subscriber for a call by at least one call state control functionality within said Internet Protocol based domain **[[IMS]]**;

obtaining **[[S5]]** the profile of said subscriber from said home subscriber serving means **[[HSS]]** to a call state control functionality **[[S-CSCF]]**;

requesting **[[S7]]** further routing information from said home subscriber serving means **[[HSS]]**;

requesting **[[S9]]** a switching means **[[VMSC]]** within said circuit switched domain **[[CS]]** currently visited by said subscriber for said roaming number by said home subscriber serving means **[[HSS]]**;

returning **[[S10]]** said roaming number of said subscriber to said home subscriber serving means **[[HSS]]** by said visited switching means **[[VMSC]]**;

returning **[[S12]]** said roaming number as said further routing information from said home subscriber serving means **[[HSS]]** to said call state control functionality **[[S-CSCF]]**; and

establishing **[(S131-S133)]** said call via gateway means **[(BGCF, MGCF)]** for connecting said domains **[(IMS, CS)]** as well as via said visited switching means **[(VMSC)]** to said subscriber.

2. (Currently Amended) A method of routing a terminated call to a subscriber according to claim 1, wherein

subsequent to the receipt of said invitation **[(S1)]**, a step of requesting **[(S2)]** the location of said subscriber from said home subscriber serving means **[(HSS)]** is performed; and

subsequent to said return of an indication **[(S3)]**, a step of inviting **[(S4)]** another call state control functionality **[(S-CSCF)]** for said call is performed, wherein said other call state control functionality **[(S-CSCF)]** performs all subsequent steps mentioned in claim 1 as related to said call state control functionality.

3. (Currently Amended) A method of routing a terminated call to a subscriber according to claim 1 **[[or 2]]**, wherein an IP multimedia functionality and a subset of home location registering functionality are integrated into said home subscriber serving means **[(HSS)]**, and

said registering request **[(S2)]**, if applicable, and return **[(S3)]** is performed with said IP multimedia part;

said profile request **[(S5)]** and download **[(S6)]** is performed with said IP multimedia part;

said roaming number provision requesting step **[(S7)]** as executed to said home subscriber serving means **[(HSS)]** is performed with said IP multimedia part;

subsequent thereto, a step **[(S8)]** of requesting said home location registering part for the provision of the roaming number of said subscriber is performed by said IP multimedia part;

said roaming number provision requesting step **[(S9)]** as executed to said visited switching means is performed with said home location registering part;

said roaming number returning step **[(S10)]** as executed by said visited switching means **[(VMSC)]** is performed with said home location registering part;

subsequent thereto, a step of returning **[(S11)]** said roaming number from said home location registering part to said IP multimedia part within said home subscriber serving means **[(HSS)]** is performed; and

said roaming number returning step **[(S12)]** as executed to said serving call state control functionality **[(S-CSCF)]** is performed by said IP multimedia part.

4. (Currently Amended) A method of routing a terminated call to a subscriber according to claim 1, wherein the step of requesting **[(S7)]** further routing information from said home subscriber serving means **[(HSS)]** involves the overriding of at least one terminating call related service functionality within said home subscriber serving means **[(HSS)]**.

5. (Original) A method of routing a terminated call to a subscriber according to claim 4, wherein the terminating call related service functionality is a supplementary service functionality.

6. (Original) A method of routing a terminated call to a subscriber according to claim 4, wherein the terminating call related service functionality is an intelligent network trigger information related functionality.

7. (Currently Amended) A method of routing a terminated call to a subscriber according to claim 1, wherein

said step of requesting $[(S7)]$ further routing information is performed by submitting a Send Routing Information message;

said step of requesting $[(S9)]$ the provision of the roaming number of said subscriber are performed by submitting a Provide Roaming Number message;

said step of returning $[(S10)]$ said roaming number of said subscriber is performed by submitting a Provide Roaming Number acknowledgment message; and

said step of returning $[(S12)]$ said roaming number as said further routing information is performed by submitting a Send Routing Information acknowledgment message.

8. (Currently Amended) A serving call state control functionality device for providing a routing service to a circuit switched domain $[(CS)]$, said serving call state control functionality $[(S-CSCF)]$ device providing a functionality of an Internet Protocol based domain $[(IMS)]$ and comprising means which are adapted to perform related steps of ~~any one of the methods according to claims 1-5~~ the method according to claim 1.

9. (Currently Amended) A home subscriber serving device capable of using routing information for terminating a call to a subscriber, comprising

an IP multimedia part and a home location registering part interfaced [[(S8, S11)]]
to each other,

wherein said home location registering part comprises transceiver means [[(S9,
S10)]] capable of requesting and receiving roaming numbers from the circuit switched
domain.